Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Tuesday 21 Nov 2023 until 23:59 on Wednesday 22 Nov 2023

Forecast Issued on Tuesday 21 Nov 2023 at 00:30

Confidence: High confidence for initially mild but cloudy conditions and for the transition to cold conditions by Friday. Lower confidence with the timing and extent of rain Thursday.

Headline for Tuesday 21 Nov 2023: Low cloud and patchy rain soon clearing to bright and sunny spells. Strong northerly winds easing.

Mountain weather hazards on Tuesday 21 Nov 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG					
Fog	Cloudy	Sunny intervals	Sunny intervals	Cloudy	Cloudy
Precipitation probability					
20%	20%	10%	<05%	<05%	<05%

Forecast for Tuesday 21 Nov 2023

Weather: Low cloud and outbreaks of light rain and drizzle will affect the Dales at first. This cloud will clear to the south during the morning to leave a dry and bright day. High cloud will thicken from the west, gradually turning sunshine hazier. Strong and gusty northerly winds at first with gales at height and in exposure. Winds becoming gentle by the afternoon.

Chance of cloud-free hill tops above 600m: 30% soon improving from the north 80% or above.

Low Cloud and visibility: Broken cloud with bases 500-700m will affect the Dales initially accompanied by patchy rain. This soon clearing with cloud breaks developing widely by the afternoon and bases lifting clear of summits. Some patchy cloud may briefly shroud higher routes in the west of the park until the afternoon. Visibility very good outside of cloud, but moderate in early rain and poor in any drizzle.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Tuesday 21 Nov 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	21/29 N	17/25 NE	12/17 NE	5/8 NW	4/6 SW	8/14 SW	12/20 SW
300	15/31 N	10/22 N	9/16 N	4/7 N	2/5 W	4/11 SW	5/15 SW
Valley	9/24 N	4/15 N	7/14 N	3/7 NW	2/3 N	2/7 SW	2/10 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-2	3/-2	4/-0	4/1	2/1	3/-1	3/-1
300	6/2	6/3	7/4	6/4	2/1	3/2	4/2
Valley	8/5	7/5	8/6	7/7	4/3	4/3	6/4
Freezing Level*	1200m	1000m	1000m	1000m	900m	900m	1600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Be prepared for cold temperatures at height, especially given strong winds this morning. Gusts of 40-45mph will give difficult walking conditions on exposed routes with a risk of being blown off balance. Conditions improving by midday.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Tue 21 Nov 2023	0.8mm	24.4mm	36.2mm

Forecast for Wednesday 22 Nov 2023

Weather: Cloud will thicken from the west through the early hours to give areas of hill fog and outbreaks of light rain and drizzle, especially across western upslopes. Drier in the east during the afternoon with some cloud breaks developing. Cloud spreading across the region towards midnight with further outbreaks of rain overnight. Milder although windy at height with a risk of gales, mainly across highest routes.

Maximum wind: West 30-40 mph, gusts 40-55 mph

Chance of cloud-free hill tops above 600m: 20% during the morning, increasing to 50% in the east in the afternoon.

Low Cloud and visibility: Extensive area of low cloud will soon arrive from the northwest with bases 300-500m, bases may affect some lower slopes in the west. Bases improving to around 800m in the east by the afternoon with some breaks developing. Visibility good outside of cloud but moderate in rain and poor in drizzle.

Temperature: **Valleys:** Plus 5 rising to plus 11 Celsius
At 600m: Plus 3 to 7 Celsius
Freezing level: Above summits

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